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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,153	12/31/2003	Woon-Yong Park	8071-123T (OPP030534US)	3087
7590 09/21/2006 F. Chau & Associates, LLC 130 Woodbury Road Woodbury, NY 11797			EXAMINER TRAN, MINH LOAN	
			ART UNIT 2826	PAPER NUMBER

DATE MAILED: 09/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/749,153

Applicant(s)

PARK ET AL.

Examiner

Minh-Loan T. Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.


- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 31 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

  
Minhloan Tran  
Primary Examiner  
Art Unit 2826

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☐ Certified copies of the priority documents have been received.
  - 2) ☒ Certified copies of the priority documents have been received in Application No. 09/585,427.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 4/18/2006.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Priority*

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 09/585,427, filed on 06/02/2000.

### *Information Disclosure Statement*

2. The information disclosure statement filed 04/18/2006 has been considered.
3. The Preliminary Amendment filed on 12/31/2003 has been entered.  
The amendment is improper since the amended claims are not underlined.

### *Reissue Applications*

4. Claims 1-34 are rejected as being based upon a defective reissue oath or declaration under 35 U.S.C. 251 as set forth below. See 37 CFR 1.175.

The reissue oath/declaration filed with this application is defective (see 37 CFR 1.175 and MPEP § 1414) because it fails to contain a statement that "I am the **first** and original inventor." Note that the oath/declaration filed with this application only stated "I am the original inventor".

***Allowable Subject Matter***

5. There was no prior art found by the examiner that suggested modification or combination with the cited prior art so as to satisfy the combination of the present independent claims 1, 4, 12, 18, 21 and 29; especially, the prior art does not disclose the gate insulating layer having a first contact window exposing the gate pad and an opening portion partially exposing the insulating substrate, a passivation layer formed on the data lines assembly with the same outline as the semiconductor pattern except at the portion of a second contact window exposing the data pad and a third contact window exposing the drain electrode; a pixel electrode being electrically connected to the drain electrode through the third contact window while partially contacting the gate insulating layer and subsidiary gate and data pads contacting the gate and data pads respectively as recited in claims 1 and 18; or the first insulating layer having a first contact window exposing the gate pad, a second insulating layer formed on the data lines assembly with the same outline as the semiconductor pattern and having a second contact window exposing the gate pad through the first window, a third contact window exposing the data pad and a fourth contact window exposing the drain electrode, a pixel electrode formed on the color filter and being connected to the drain electrode through the fourth contact window as recited in claims 4 and 21; or the first insulating layer having a first contact window exposing the gate pad, a second insulating layer formed on the data lines assembly and having a second contact window exposing the first window, a third contact window exposing the data pad and a fourth contact window

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exposing the drain electrode; a pixel electrode formed on the color filter and being connected to the drain electrode through the fourth contact window as recited in claim 12 and 29.

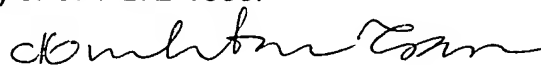
**Conclusion**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh-Loan T. Tran whose telephone number is (571) 272-1922. The examiner can normally be reached on Monday-Friday 9:00 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J. Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mlt  
09/2006



Minh-Loan T. Tran  
Primary Examiner  
Art Unit 2826